



STATE OF MARYLAND

# DMMH

**Maryland Department of Health and Mental Hygiene**  
300 W. Preston Street, Suite 202, Baltimore, Maryland  
21201

Martin O'Malley, Governor – Anthony G. Brown, Lt. Governor – Joshua M. Sharfstein, M.D., Secretary

**Office of Preparedness & Response**

Sherry Adams, R.N., C.P.M, Director

Isaac P. Ajit, M.D., M.P.H., Deputy Director

## Weekly Heat-related Illness Surveillance Report

**July 26, 2011**

**Reporting for 07/19/11 through 07/25/11**

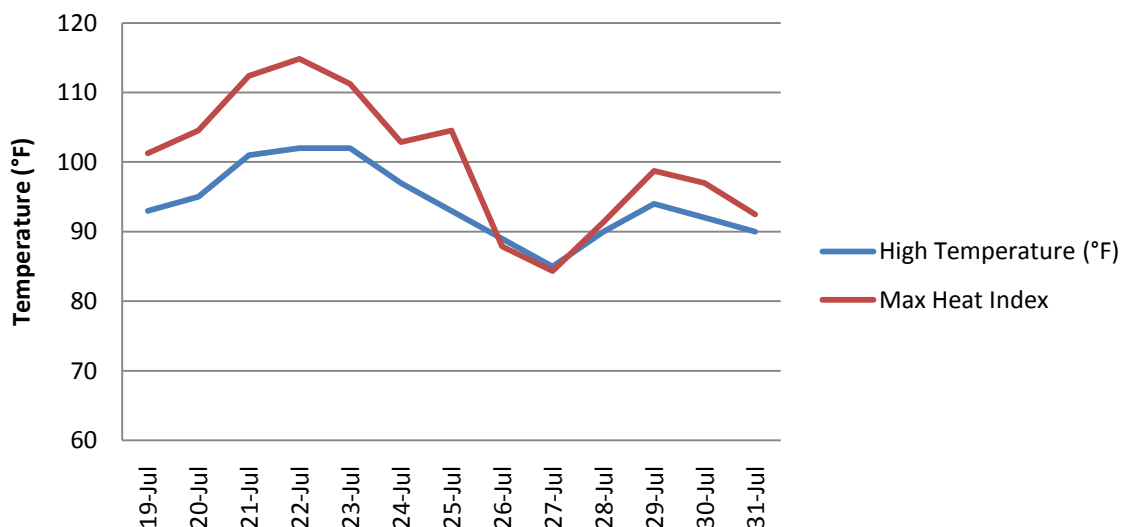
This information is used to make a Heat Advisory but is not a Heat Advisory in itself.

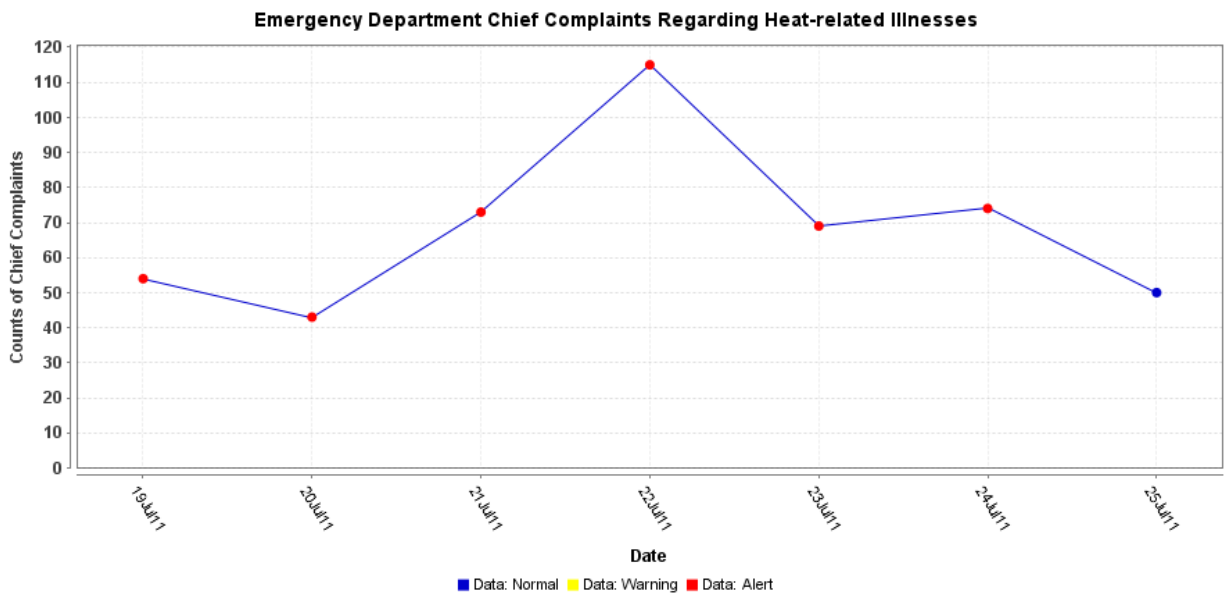
**National Weather Service Forecast:** Possible heat event for July 29

**Heat Advisory Declared This Week:** July 19 - 23

**Total Heat Advisories Declared:** 11 (May = 2, June = 3, July = 6)

**Actual and Predicted High Temperature and Maximum Heat Index**

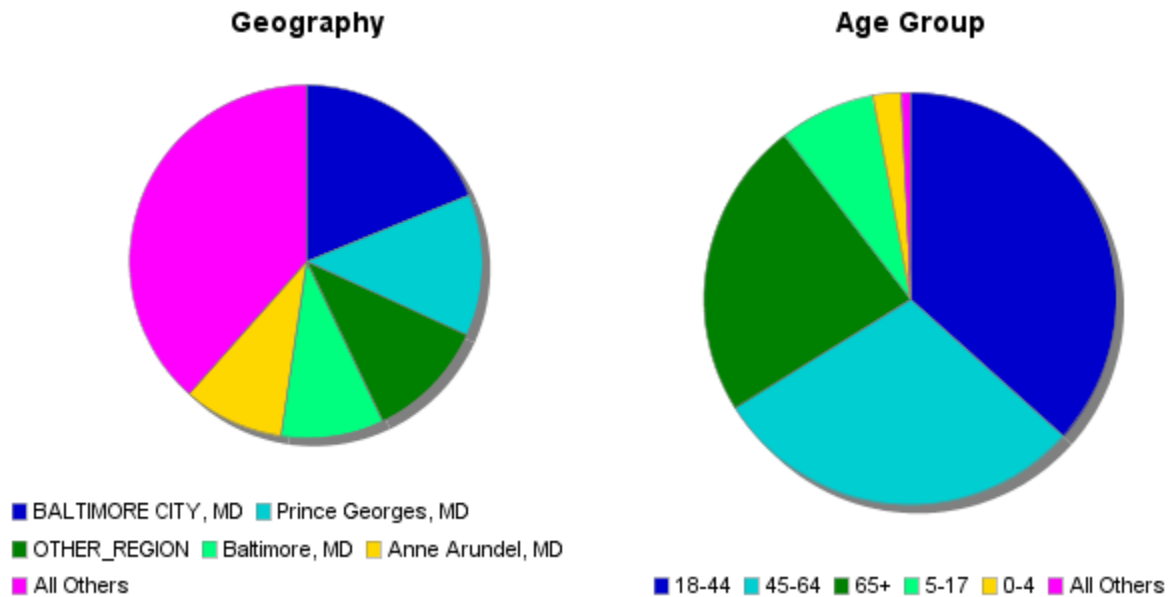




Date	Number of Chief Complaints Regarding Heat-related Illnesses
July 19	54
July 20	43
July 21	73
July 22	115
July 23	69
July 24	74
July 25	50

Extremely hot weather caused an increase in emergency department chief complaints regarding heat-related illnesses over the past week. ESSENCE created red alerts for heat-related illness chief complaints on six out of the seven days. As temperatures began to cool towards the end of the week, emergency department chief complaints began to decrease.

## Geographical and Age Group Distribution of Emergency Department Chief Complaints Regarding Heat-related Illness for July 19 - 25, 2011



Total Number of Heat-related Deaths	Jurisdiction	Age Group	Sex	Underlying Condition?	Heat Alert Day?
3	Baltimore City	65+ years old	Female	Yes	Yes
	Somerset County	45-64 years old	Male	Yes	Yes
	Prince George's County	45-64 years old	Male	Yes	No

**There have been a total of 9 heat-related deaths thus far in 2011.**

**Heat Advisory Criteria:** A Heat Advisory will be made for heat index values of 105°F or greater. We may issue a Heat Advisory for combinations of conditions such as high temperature, extended heat waves, humidity, poor air quality, and high UV. Criteria are based on National Weather Service guidelines.<sup>1</sup>

**Note:** The heat report will be released on Tuesdays, with the reporting period being the previous Tuesday through Monday.

**Prepared by:** Zachary Faigen, MSPH  
Biosurveillance Epidemiologist  
Office of Preparedness and Response  
Maryland Department of Health & Mental Hygiene  
300 W. Preston Street, Suite 202  
Baltimore, MD 21201  
Office: 410-767-6745  
Fax: 410-333-5000  
Email: [ZFaigen@dhmh.state.md.us](mailto:ZFaigen@dhmh.state.md.us)

Joseph H. Anelli  
Special Projects Coordinator  
Office of Preparedness and Response  
Maryland Department of Health and Mental Hygiene  
300 W. Preston Street, Suite 202  
Baltimore, MD 21201  
Office: 410.767.6201  
Email: [JAnelli@dhmh.state.md.us](mailto:JAnelli@dhmh.state.md.us)

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<sup>1</sup> NWS Heat Index Chart: [http://www.weather.gov/om/heat/images/heat\\_index.png](http://www.weather.gov/om/heat/images/heat_index.png)